



Dart Aerospace Ltd.
1270 Aberdeen St
Hawkesbury, ON
K6A 1K7
Canada

Tel (613) 632-5200
Fax 613 632-5246

RBW6405G06031-3G-PO

Job Sheet 189295



Part No: RBW6405G06031-3G-PO

Job Qty: 2 pcs

Part Name: Extractor Assembly



Part Weight: 0 lbs

Status: New

Priority: Medium

Job Created: 1/22/19

Job Tracking No:

Due Date: 3/19/19

Created By: Patrick Lussier

Type: Stock

Description:

Note: DWG RB 92700-10400-041 Rev A. IPP Rev. 3 18.10.05 New issue DP Verify DD

Ship Via:

Bill of Materials

Job Routing

Op No	Operation	Qty	Start Date	Due Date	Standard		Workcenter/Supplier		Sign-off
					Setup Hrs	Run Hrs	Workcenter / Supplier	Lead Time	
100	Purchasing	2 pcs	3/19/19		0.00	0.00	Purchasing - 1		DP MAR 05 2019
							Purchasing - 2		
							Purchasing - 3		
110	Packaging 2-1 - Receive - B4B	2 pcs	3/19/19		0.00	0.00	Packaging 2 - 1 - B4B		DP MAR 05 2019
							Packaging 2 - 2 - B4B		
							Packaging 2 - 3 - B4B		
							Packaging 2 - 5 - B4B		
							Packaging 2 - 4 - B4B		
							Packaging 2 - 6 - B4B		
							Packaging 2 - 7 - B4B		
							Packaging 2 - 8 - B4B		
							Packaging 2 - 9 - B4B		
							Packaging 2 - 10 - B4B		
							Packaging 2 - 11 - B4B		
							Packaging 2 - 12 - B4B		
							Packaging 2 - 13 - B4B		
							Packaging 2 - 14 - B4B		
							Packaging 2 - 15 - B4B		
							Packaging 2 - 16 - B4B		
							Packaging 2 - 17 - B4B		
							Packaging 2 - 18 - B4B		
							Packaging 2 - 19 - B4B		
							Packaging 2 - 20 - B4B		
							Packaging 2 - 21 - B4B		
							Packaging 2 - 22 - B4B		
							Packaging 2 - 23 - B4B		
							Packaging 2 - 24 - B4B		
							Packaging 2 - 25 - B4B		
							Packaging 2 - 26 - B4B		
							Packaging 2 - 27 - B4B		
							Packaging 2 - 28 - B4B		



Dart Aerospace Ltd.
1270 Aberdeen Street
Hawkesbury, ON K6A 1K7
CANADA
TEL: 1 613 632-5200
Email: sales@dartaero.com
www.dartaerospace.com

Container No: S159222



Part: RBW6405G06031-3G

Job No: 189295

Serial No/Batch: S159222

Revision: A

Inspector:

Exp Date:

Instructions:

Date: 03/05/19

Plex 3/5/19 1:10 PM Dart.Hadley.Shannon

				Packaging 2 - 29 - B4B	
				Packaging 2 - 30 - B4B	
				Packaging 2 - 31 - B4B	
				Packaging 2 - 32 - B4B	
				Packaging 2 - 33 - B4B	
				Packaging 2 - 34 - B4B	
				Packaging 2 - 35 - B4B	
				Packaging 2 - 36 - B4B	
120 QC 6	2 pcs	3/19/19	0.00 0.00	QC 6 - 42	
				QC 6 - 9	DAS
				QC 6 - 68	MAR 18 2019 68
				QC 6 - 61	9-89
130 Packaging 3-1 - Stock - B4B	2 pcs	3/19/19	0.00 0.00	Packaging 3 - 1 - B4B	
				Packaging 3 - 2 - B4B	
				Packaging 3 - 3 - B4B	
				Packaging 3 - 4 - B4B	
				Packaging 3 - 5 - B4B	DAS
				Packaging 3 - 6 - B4B	28
				Packaging 3 - 7 - B4B	9-89
				Packaging 3 - 8 - B4B	
				Packaging 3 - 9 - B4B	
				Packaging 3 - 10 - B4B	
				Packaging 3 - 11 - B4B	
				Packaging 3 - 12 - B4B	
				Packaging 3 - 13 - B4B	
				Packaging 3 - 14 - B4B	
				Packaging 3 - 15 - B4B	
				Packaging 3 - 16 - B4B	
				Packaging 3 - 17 - B4B	
				Packaging 3 - 18 - B4B	
				Packaging 3 - 19 - B4B	
				Packaging 3 - 20 - B4B	
				Packaging 3 - 21 - B4B	
				Packaging 3 - 22 - B4B	
				Packaging 3 - 23 - B4B	
				Packaging 3 - 24 - B4B	
				Packaging 3 - 25 - B4B	
				Packaging 3 - 26 - B4B	
				Packaging 3 - 27 - B4B	
				Packaging 3 - 28 - B4B	
				Packaging 3 - 29 - B4B	
				Packaging 3 - 30 - B4B	
				Packaging 3 - 31 - B4B	
				Packaging 3 - 32 - B4B	
				Packaging 3 - 33 - B4B	
				Packaging 3 - 34 - B4B	
				Packaging 3 - 35 - B4B	
				Packaging 3 - 36 - B4B	
140 QC 21 - FG	2 pcs	3/19/19	0.00 0.00	QC 21 - FG - 21	DAS
				QC 21 - FG - 70	21
				QC 21 - FG - 53	9-89

Part Op **100** - Purchasing - Issue P/O: _____ MANUFACTURE RBW6405G06031-3G AS PER DWG Supplier: METEC
 Descriptions: Certificate of conformity is required
110 - Receive & Inspect for Damage & Mat'l Certs
120 - QC6- All purchased or subcontracted products
130 - Identify as per dwg & Stock Location: _____
140 - QC21- Final Inspection - Work Order Release

Job BOM				
Part / Item	Component Name	Quantity	Operation	Container
RBW6405G06031-3GP	Extractor Assembly	2 Ea (1 ea)	100-Purchasing	S159219
Job Allocations				
Operation	Component Part	Required	Inventory	Allocated
100-Purchasing	RBW6405G06031-3GP	2	0	0
Part Specifications				
Specifications could not be found.				

Plex 3/5/19 1:10 PM Dart.Hadley.Shannon



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RBW6405G06031-3G-PO

Job Sheet 189295



Part No: RBW6405G06031-3G-PO

Job Qty: 2 ea

Part Name: Extractor Assembly



Part Weight: 0 lbs

Status: New

Priority: Medium

Job Created: 1/22/19

Job Tracking No:

Due Date: 3/19/19

Created By: Patrick Lussier

Type: Stock

Description:

Note: DWG RB 92700-10400-041 Rev A. IPP Rev. 3 18.10.05 New issue DP Verify DD

Ship Via:

Bill of Materials

Job Routing

Op No	Operation	Qty	Start Date	Due Date	Standard		Workcenter/Supplier		Sign-off
					Setup Hrs	Run Hrs	Workcenter / Supplier	Lead Time	
100	Purchasing	2 pcs		3/19/19	0.00	0.00	Purchasing		
110	Packaging	2 pcs		3/19/19	0.00	0.00	Packaging2		
120	QC	2 pcs		3/19/19	0.00	0.00	QC6		
130	Packaging	2 pcs		3/19/19	0.00	0.00	Packaging3		
140	QC21-FG	2 Ea		3/19/19	0.00	0.00	QC21		

Part Op **100** - Issue P/O: 042355 MANUFACTURE RBW6405G06031-3G AS PER DWG Supplier: METEC Certificate of Descriptions: conformity is required

x2 *Pat Lussier* 22 Jan 2019

Job BOM

Part / Item	Component Name	Quantity	Operation	Container
RBW6405G06031-3GP	Extractor Assembly	2 Ea (1 ea)	100-Purchasing	

Job Allocations

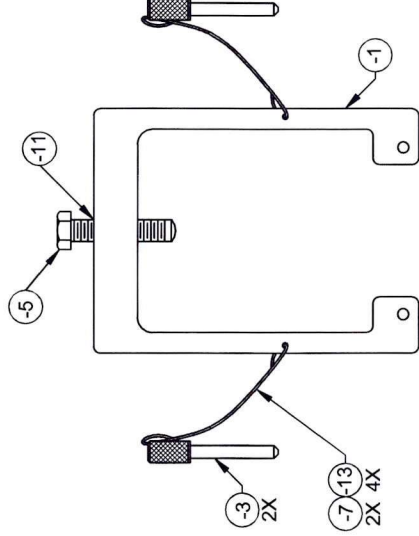
Operation	Component Part	Required	Inventory	Allocated
100-Purchasing	RBW6405G06031-3GP	2	0	0

Part Specifications

Specifications could not be found.

Plex 1/22/19 1:02 PM dart.Lussier.Patrick

REV	DESCRIPTION	DATE	INITIAL	APPROVED
1	(REVISION TO -1) ADDED SEC VIEW, ADDED .330 DIM THAT WAS .340	2/16/12	SE	SE
1A	DELETED -9, CHD -7, & ADDED -13, ADDED .130 X .455 DIMENSION PER G.E. FOR HELICOIL -.27 IS 5/8-18 UNF	4/13/12	RJC	GJC
2	CHD TOLERANCE ON CRITICAL PARTS -1, CHD CALLOUT WAS 5/8-18 UNF FOR HELICOIL -.27 IS 5/8-18 UNF FOR HELICOIL -11, CHD DIM WAS 3.810 IS 2X 3.810, WAS 1.312 IS 2X 1.312 -3 CHD B/O INFO WAS Ø34 X 3-7/8 IS Ø54 X 3-7/8, CHD DIM WAS Ø.625 IS (Ø.625), ADDED DIM .21, CHD CALLOUT WAS Ø.150 X .45" IS Ø.15 X .45" THRU.	6/10/14	DPD	RJC



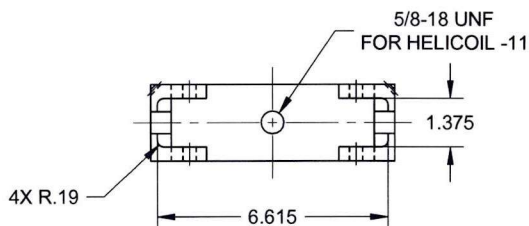
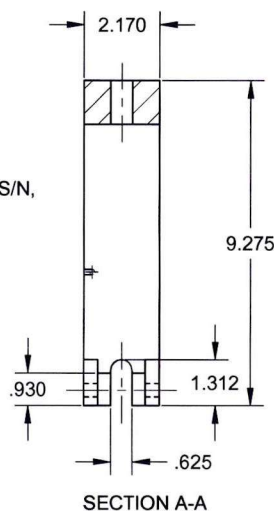
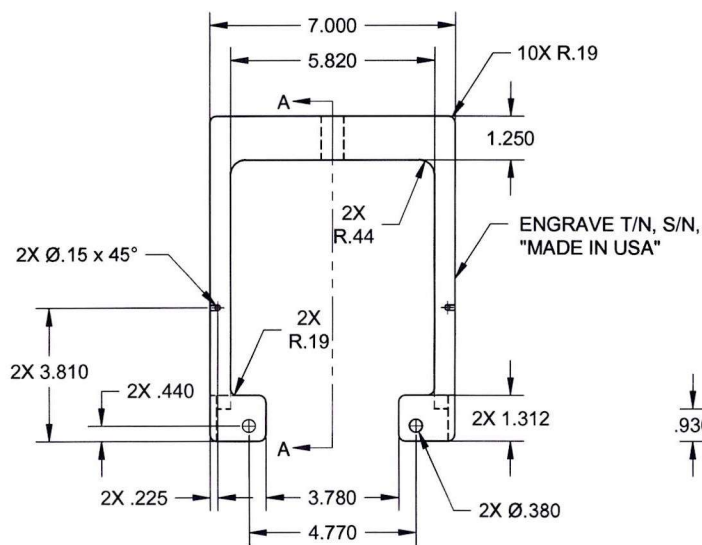
TITLE				DRAWING NO.				REV			
RED BARN MACHINE				RBW6405G06031-3G				2			
EXTRACTOR ASSY.											
UNLESS OTHERWISE SPECIFIED				DIMENSIONS ARE IN INCHES				DRAWN BY: CLOUGH			
TOLERANCES ON:				APPROVED: <i>D. HALL</i>				CHECKED: <i>D. HALL</i>			
XXX ± .005				METRIC REF.				TREAT:			
XX ± .01				.Xmm ± .1mm				FINISH:			
X ± .01				FRACTIONS ± 1/32				SPEC:			
UNLESS OTHERWISE SPECIFIED				ANGLES ± 5°				USED ON MODEL:			
UNLESS OTHERWISE SPECIFIED				BREAK ALL SHARP EDGES				AW139			
2. DIMENSIONAL LIMITS APPLY AFTER PLATING				.015 X .45" PR .015 R							
SCALE: 1:4				DATE: 3-19-10				SHEET: 1 of 4			

QTY		BO		PART #		DESCRIPTION		MATERIAL		BIO INFORMATION OR SPECIFICATIONS		Pg.	
1		-1		1		EXTRACTOR		6061		2-1/4 X 7-1/8 X 9-3/8		2	
2		-3		2		PIN		303 S.S.		Ø5/8 X 3-7/8		3	
1		-5		1		HEX HEAD CAP SCREW		STEEL		5/8-18 UNF X 3 MODIFIED		MCMaster-CARR #02620A827	
2		BO -7		2		LANYARD CABLE		GALV. STEEL		(7X7) CABLE Ø11/16 X 6IN		CARR-LANE #CL-2-C-6In.	
1		BO -11		1		HELICOL		18-8 S.S.		5/8-18 UNF X 15/16		MCMaster-CARR #01732A238	
4		BO -13		4		FERRULE		COATED COPPER		SIZE 2 X 60		CARR-LANE #CL-4-F	

QTY		BO		PART #		DESCRIPTION		MATERIAL		BIO INFORMATION OR SPECIFICATIONS		Pg.	
1		-1		1		EXTRACTOR		6061		2-1/4 X 7-1/8 X 9-3/8		2	
2		-3		2		PIN		303 S.S.		Ø5/8 X 3-7/8		3	
1		-5		1		HEX HEAD CAP SCREW		STEEL		5/8-18 UNF X 3 MODIFIED		MCMaster-CARR #02620A827	
2		BO -7		2		LANYARD CABLE		GALV. STEEL		(7X7) CABLE Ø11/16 X 6IN		CARR-LANE #CL-2-C-6In.	
1		BO -11		1		HELICOL		18-8 S.S.		5/8-18 UNF X 15/16		MCMaster-CARR #01732A238	
4		BO -13		4		FERRULE		COATED COPPER		SIZE 2 X 60		CARR-LANE #CL-4-F	

This drawing, specifications, and concepts contained here in are the sole property of Red Barn Machine, and may not be reproduced or used in any fashion without the prior written permission of Red Barn Machine.

REVISIONS				
REV	DESCRIPTION	DATE	INITIAL	APPROVED
1	ADDED SEC VIEW, ADDED .930 DIM THAT WAS .940	2/16/12	SE	SE
2	-1 CHD CALLOUT WAS 5/8-18 UNF FOR HELICOIL -27 IS 5/8-18 UNF FOR HELICOIL -11, CHD DIMS WAS 3.810 IS 2X 3.810, WAS 1.312 IS 2X 1.312.	6/10/14	DPD	RJC

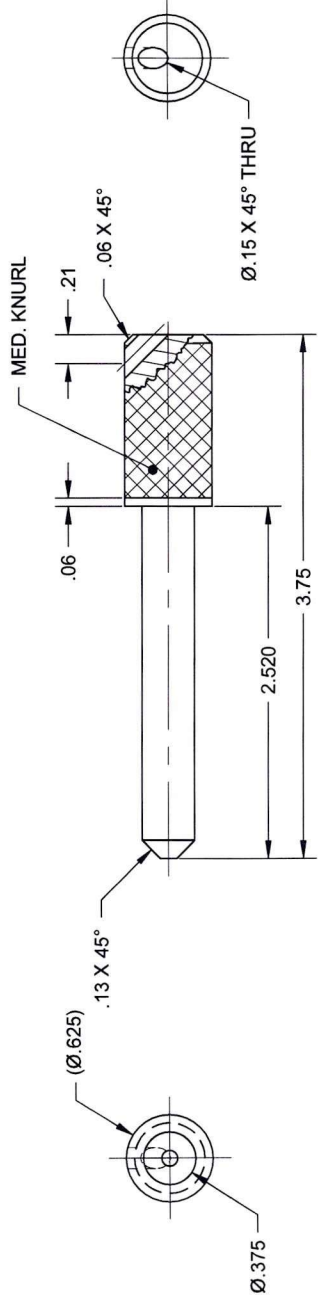


(-1)
EXTRACTOR

RED BARN MACHINE	
TITLE EXTRACTOR ASSY.	
DWG NO. RBW6405G06031-3G-1	REV 2
UNLESS OTHERWISE SPECIFIED DIMENSIONS ARE IN INCHES TOLERANCES ON: DECIMALS .XXX ± .005 FRACTIONS 1/32 ANGLES ± 5° METRIC REF. Xxmm ± .1mm X/32 UNLESS OTHERWISE SPECIFIED 1. BREAK ALL SHARP EDGES .015 x 45° PR .015 R 2. DIMENSIONAL LIMITS APPLY AFTER PLATING	
DRAWN BY: CLOUGH APPROVED: <i>D. West</i> TREAT: CLEAR ANODIZE SPEC: MIL-A-8625F, TYPE II, CLASS I USED ON MODEL: AW139	
SCALE 1:4	DATE 3-19-10
SHEET 2 of 4	

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REVISIONS			
REV	DESCRIPTION	DATE	INITIAL APPROVED
1A	ADDED -3 MISSING .130 x 45° DIMENSION PER G.E.	4/13/12	RJC GE
2	-3 CHTD DIM WAS Ø.625 IS (Ø.625), ADDED DIM .21, CHTD CALLOUT WAS Ø.150 X 45° IS Ø.15 X 45° THRU.	6/10/14	DPD RJC



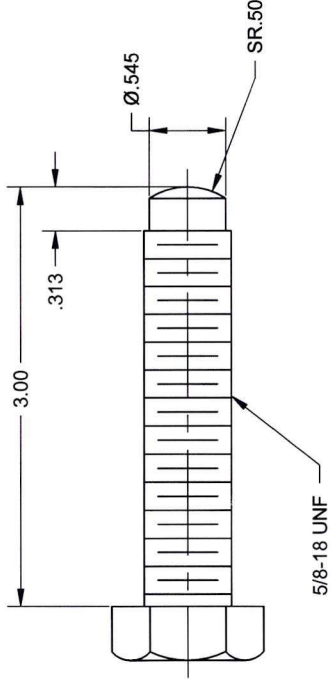
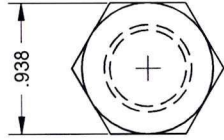
RED BARN MACHINE

EXTRACTOR ASSY.

DWG NO.	RBW6405G06031-3G-3	REV	2
UNLESS OTHERWISE SPECIFIED DIMENSIONS ARE IN INCHES			
TOLERANCES ON:	METRIC REF.	DRAWN BY	CLOUGH
DECIMALS	.XXmm ± .1mm	APPROVED	<i>D. M.</i>
XXX ± .005		TREAT	
XX ± .01		FINISH	
X ± .05		SPEC	
UNLESS OTHERWISE SPECIFIED			
1. BREAK ALL SHARP EDGES			
2. DIMENSIONS IN UNITS AFTER RATING.			
SCALE	1:1	DATE	3-19-10
SHEET	3	OF	4

The drawings, specifications, and concepts contained herein are the sole property of Red Barn Machine, and may not be reproduced or used in any fashion without the prior written permission of Red Barn Machine.

REVISIONS			
REV	DESCRIPTION	DATE	INITIAL APPROVED



(-5)
HEX HEAD
CAP SCREW

RB RED BARN MACHINE	
TITLE	EXTRACTOR ASSY.
DWG NO.	RBW6405G06031-3G-5
REV	2
UNLESS OTHERWISE SPECIFIED	
DIMENSIONS ARE IN INCHES	
TOLERANCES ON	
DECIMALS	
.XXX ± .005	
.XX ± .01	
X ± .01	
FRACTIONS ± 1/32	
UNLESS OTHERWISE SPECIFIED	
1. BREAK ALL SHARP EDGES	
2. DIMENSIONS TO CENTER OF PATTERN	
3. DIMENSIONS TO CENTER OF PATTERN	
SCALE 1:1	
DATE 3-19-10	
SHEET 4 of 4	



Dart Aerospace Ltd.
1270 Aberdeen St
Hawkesbury, ON
K6A 1K7
Canada

Tel (613) 632-5200

PURCHASE ORDER

PO042355



Supplier: MEM001-VC
Metec Metal Technology Inc.
20 Terry Fox Drive PO Box 781
Vankleek Hill
ON
K0B 1R0 Canada
Phone: 613 678 3957
Fax: 613 678 3956

Attention: Walz, Shigi

Ship To: 1270 Aberdeen Street
Hawkesbury
ON
K6A 1K7 Canada
Phone: 613-632-5200

PO No: PO042355
PO Date: 1/22/19
Due Date: 3/19/19
Purchase Order Revision:
Revision Date:
Ship-To Contact: Lussier, Patrick

Via: Ground
Pynt Terms: Net 60

Freight Terms:
Special Comments:

Items

Line Item	Job	Part	Supplier Part No	Item No	Description	Status	Account	Due Date	Order Quantity	Received Quantity	Balance	Unit Price (CAD)	Extended Price
1	189295	RBW6405G06031-3GP		XZ	Extractor Assembly REV 2	Firmed	-	3/19/19	2 Ea	0 Ea	2 Ea	\$1,511.40/Ea	\$3,022.80
								MAR 05 2019	DP				
2	189297	RBW6405G06131-3GP			Reaction Assembly REV 3	Firmed	-	3/19/19	2 Ea	0 Ea	2 Ea	\$795.00/Ea	\$1,590.00

Grand Total: \$4,612.80

Order Notes

Terms & Condition of Purchasing(Suppliers) and Procurement Quality Clauses are an integral part of our AS9100 requirements. To learn in detail, please visit www.dartaerospace.com for further explanation.

Procurement Quality Clauses
A005 RIGHT OF ENTRY
A007 FIRST ARTICLE INSPECTION (FAI) BY SELLER, (DOCUMENTATION MAINTAINED BY SUPPLIER)
A012 CHEMICAL AND PHYSICAL TEST REPORTS
A016 PERSONNEL QUALIFICATION
A017 RAW MATERIAL IDENTIFICATION (AS APPLICABLE)
A026 CERTIFICATION OF MATERIAL CONFORMANCE
A041 QUALITY MANAGEMENT SYSTEM
A042 DART NOTIFICATION BY SUPPLIER
A043 RETENTION OF QUALITY DOCUMENT

A048 COUNTERFEIT PARTS AVOIDANCE, DETECTION, MITIGATION AND DISPOSITION PROGRAM
A049 SUPPLIER AWARENESS

Plex 1/22/19 1:11 PM dart.Lussier.Patrick

Packing List

Bill Dart Aerospace Ltd.

To: 1270 Aberdeen Street
Hawkesbury, ON K6A 1K7
Canada

Ship

To: 1270 Aberdeen Street
Hawkesbury, ON K6A 1K7
Canada

Shipment No: 24754
Shipment Date: 05-Mar-2019
Ship Via: our truck
Order Number: 3390
Order Date: 01/22/19

Customer Code: DART
Phone: (613) 632-9577
PO Number: PO042355
Terms: Net 60 Days

----- Quantity -----									Job
<u>Item</u>	<u>Open</u>	<u>Shipped</u>	<u>B/O</u>	<u>Canceled</u>	<u>Unit</u>	<u>Description</u>	<u>Revision</u>		<u>Number</u>
1	2	2	0	0	EA	DART-RBW6405G06031-3GP Extractor Assy.	2		3390-01

The delivered goods must be inspected upon receipt to confirm compliance. Should there be discrepancies please notify METEC within 30 days of delivery. The goods are otherwise deemed accepted.



20 Terry Fox Drive, Vankleek Hill, Ontario K0B 1R0

Tel. (613) 678-3957 & (613) 678-2782 Fax (613) 678-3956 metec@metec.ca

CERTIFICATE OF CONFORMITY

SOLD TO:

Dart Aerospace Ltd.
1270 Aberdeen Street
Hawkesbury, Ont.
K6A 1K7

SHIPPED TO:

same

Quantity	Part Number	Part Name	Dwg Rev.#	P.O. Number
2	DART-RBW6405G06031-3GP	Extractor Assy.	2	42355

MATERIAL: supplied by METEC

We hereby certify that the above parts were made in conformance with applicable drawings.

METEC Metal Technology Inc.

George Theoret

Vankleek Hill, March 5, 2019